

what is claimed is:

1. A method of generating alternating current (AC) comprising the steps of:

stacking a plurality of steel plates over each other in the
5 form of a semicircle;

winding up a coil around an iron core; and

making a magnet rotate at the center in the inner space of
the semicircular iron core, wherein the N-pole and S-pole of the
magnet are alternatively arranged and become close to or far away
10 from the iron core, to thereby make AC current generated in the
coil.

2. The digital current generating method of claim 1, further comprising the step of: making an auxiliary iron core in association
15 with the iron core in order to reinforce power when the number
of the magnetic poles passing through the iron core is even.

3. A digital current generating method comprising the steps
of: making the inner and outer cross-sectional shapes of an iron
20 core differ from each other, thereby making electric wire at the
inner portion of a coil be shorter than that of the outer portion
thereof, and making the magnetism balance the speed of current.